

Selection Criteria		Concepts									
		A		B		AB		D		E	
		Dimpled		Tube / Baffle		Baffle / Baffle		Evac. Tube		Mirrored	
Weight	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	
Cost	17%	4	0.68	2	0.34	3	0.51	0.5	0.085	4.5	0.765
Easy to fabricate	13%	4.5	0.585	2	0.26	3	0.39	0.5	0.065	4	0.52
Easy to use	10%	3	0.3	3	0.3	3	0.3	3	0.3	1	0.1
Durability	10%	2	0.2	3	0.3	3	0.3	4	0.4	2	0.2
Maintenance	5%	1.5	0.075	1.5	0.075	1.5	0.075	3.5	0.175	3	0.15
Flow Distribution Complexity	5%	3	0.15	3	0.15	2	0.1	5	0.25	4	0.2
Output	15%	3	0.45	3	0.45	3	0.45	5	0.75	2	0.3
Heat exchanger effectiveness	10%	2.5	0.25	3	0.3	3	0.3	5	0.5	4	0.4
Air formation	5%	2.5	0.125	1	0.05	3	0.15	3	0.15	2	0.1
Design adaptability	10%	3	0.3	2.5	0.25	3	0.3	0.5	0.05	1	0.1
Total Score		3.12		2.48		2.88		2.73		2.84	
Rank		1		4		2		3		5	
Continue?		YES		NO		YES		NO		YES	